



Substantive Exam 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/619,961
Filing Date	July 15, 2003
First Named Inventor	Shafqat Ahmed
Art Unit	2812
Examiner Name	Booth, Richard A.
Attorney Docket Number	42P13230D

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
AB		US-5,834,346	11-10-1998	Sun, et al.	
		US-5,937,301	08-10-1999	Gardner, et al.	
		US-6,103,611	08-15-2000	En, et al.	
		US-4,745,086	05-17-1998	Parrillo, et al.	
		US-4,753,898	06-28-1988	Parrillo, et al.	
		US-4,728,617	03-01-1988	Woo, et al.	
		US-4,818,714	04-04-1989	Haskell	
		US-4,843,023	06-27-1989	Chiu, et al.	
		US-4,935,379	06-19-1990	Toyoshima	
		US-5,015,595	05-14-1991	Wollesen	
		US-5,102,816	04-07-1992	Manukonda, et al.	
		US-5,153,145	10-06-1992	Lee, et al.	
		US-5,171,700	12-15-1992	Zamanian	
		US-5,328,862	07-12-1994	Goo	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code* - Number* - Kind Code* (if known)				
213		EP0195607	09-24-1986	FUJITSU LTD.		
		EP0439173	07-31-1991	NIPPON ELECTRIC CO.		
		DE3709708	10-08-1987	TOSHIBA KAWASAKI KK.		
		JP2219237	08-31-1990	SHARP CORP.		
		JP60234367	11-21-1985	HITACHI LTD.		
		JP63066967	03-25-1988	HITACHI LTD.		
		JP2161733	06-21-1990	RICOH CO. LTD.		
		JP3272145	12-03-1991	MATSUSHITA ELECTRON CO.		

Examiner Signature		Date Considered	08/20/05
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zefman (wtr) 08/11/2003.

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